

# Napakiak Ircinraq Power Co. Purchased Power Update

Date: June 3, 2021

Utility Name (Cert. No.) <b>Napakiak Ircinraq Power Company (319)</b>	Utility File No. <b>PC104-0116Z</b>	Date Filed: <b>February 9, 2021</b>
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PCE AMOUNT SUMMARY	Previously Approved PC104-0116Y	Staff Recommended Amount(s) and Effective Date PC104-0116Z
Class Rate	<u>Date Approved:</u> March 19, 2021	June 4, 2021
Residential	\$0.3308	\$0.3106
Community Facilities	\$0.3308	\$0.3106
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Power Purchase Price: <u>\$0.3221</u>	New Power Purchase Price: <b><u>\$0.3021</u></b>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

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Signed: \_\_\_\_\_

*Brenda Cox*

Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 6/3/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KK</i>		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JWW</i> JWW		

\*If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# Napaklak Ircinraq Power Co.

APPENDIX 1

POWER COST EQUALIZATION CALCULATION  
FOR THE PERIOD ENDING October 31, 2015  
**Purchased Power Update**

	PC104-0116Y	PC104-0116Z	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Purchased	602,367	602,367	602,367
B. Total kWh Sold (Appendix 2)	566,337	566,337	566,337
C. Total Non-Fuel Costs (Appendix 2)	120,006	120,006	120,006
<b>D. Non-Fuel Cost/kWh (C / B)</b>	<b>\$0.2119</b>	<b>\$0.2119</b>	<b>\$0.2119</b>
E. Total Fuel/Power Costs (Appendix 2)	194,022	181,975	181,975
<b>F. Fuel/ Power Costs/kWh (E / B)</b>	<b>\$0.3426</b>	<b>\$0.3213</b>	<b>\$0.3213</b>
G. Eligible Costs/kWh (D + F)	\$0.5545	\$0.5332	\$0.5332
H. Eligible Cost/kWh (G) less base rate in effect	\$0.3482	\$0.3269	\$0.3269
I. Lesser of (H) or 79.37 cents/kWh	\$0.3482	\$0.3269	\$0.3269
J. Average Class Rates (Appendix 3)			
Residential	\$0.5597	\$0.5597	\$0.5597
Community Facilities	\$0.5597	\$0.5597	\$0.5597
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.3308	\$0.3106	\$0.3106
Community Facilities	\$0.3308	\$0.3106	\$0.3106
<b>L. Funding Level in Effect</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Residential</b>	<b>\$0.3308</b>	<b>\$0.3106</b>	<b>\$0.3106</b>
<b>Community Facilities</b>	<b>\$0.3308</b>	<b>\$0.3106</b>	<b>\$0.3106</b>

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Appendix 1

# Napaklak Ircinraq Power Co.

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY  
FOR THE PERIOD ENDING October 31, 2015  
**Purchased Power Update**

	PC104-0116Y		PC104-0116Z
	Prior Commission Approval	Utility Request	Per Staff
<b>Non-Fuel Costs:</b>			
A. Personnel Expenses	68,208	68,208	68,208
B. Operating Expenses	-	-	-
C. General & Administrative	48,548	48,548	48,548
D. Depreciation Expense	3,250	3,250	3,250
E. Interest Expense	-	-	-
<b>F. Total Non-Fuel Costs</b>	<b>\$120,006</b>	<b>120,006</b>	<b>120,006</b>
<b>Fuel Costs:</b>			
G. kWh purchased from AVEC During Test Year	602,367	602,367	602,367
H. AVEC power cost Weighted average cost per kWh	\$0.3221	\$0.3021	\$0.3021
<b>Total Cost of Fuel/Power</b>	<b>\$194,022</b>	<b>\$181,975</b>	<b>\$181,975</b>
I. kWh Sales	566,337	566,337	566,337
J. kWh Station Service	2,060	2,060	2,060
K. Line Loss ≤ 12%	5.64%	5.64%	5.64%

(purchased power- (kWh sold + Station Service))/purchased power

## Weighted Average Cost of Purchased Power:

Purchased Power Cost: 228,757.88

Divided by kWh Purchased: 757,337

Avg Cost per kWh: 0.3021

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Appendix 2

# Napaklak Ircinraq Power Company

Appendix 3

## Calculation of Average Class Rate per kWh

Rate Schedule: ALL

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063
500	0.7660	0.0000	0.7660	383.00	0.7660	0.5597
500				383.00	0.7660	0.5597
TOTAL (A)						(E)

## Computation of Community Facilities Average Rate

Rate Schedule: ALL

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
0 to ∞	0.7660	0.0000	0.7660	0.5597
Next to				
Next to				
Next to				

# Napakiak Ircinraq Power Company

Power Purchases From  
Alaska Village Electric Cooperative  
4631 Eagle St.  
Anchorage, AK 99503-7431

Napakiak Ircinraq Power Company

Month	kWh Purchased	Elec Serv Chg	Demand Chg	Fuel Cost Chg	Customer Serv Chg	Other	Total
5/20	53,486	106.97	3,810.57	14,236.73	45.00	1,091.96	19,291.23
6/20	50,629	101.26	3,810.57	13,558.45	45.00	1,050.92	18,566.20
7/20	46,607	93.21	4,314.58	12,481.35	45.00	1,016.05	17,950.19
8/20	57,939	115.88	3,810.57	15,516.06	45.00	1,169.25	20,656.76
9/20	63,679	127.36	3,810.57	13,359.85	45.00	1,040.57	18,383.35
10/20	63,841	127.68	3,810.57	13,393.84	45.00	1,042.63	18,419.72
11/20	70,628	141.26	4,833.17	14,817.75	45.00	1,190.23	21,027.41
12/20	75,641	151.28	4,291.35	15,869.48	45.00	1,221.43	21,578.54
1/21	67,979	135.96	4,108.22	12,759.66	45.00	1,022.93	18,071.77
2/21	70,920	141.84	4,108.22	13,311.68	45.00	1,056.40	18,663.14
3/21	72,204	144.41	4,108.22	13,552.69	45.00	1,071.02	18,921.34
4/21	63,784	127.57	4,108.22	11,972.26	45.00	975.18	17,228.23
	757,337	1,514.68	48,924.83	164,829.80	540.00	12,948.57	228,757.88

Purchased Power Cost: \$228,757.88

Divided by kWh Purchased: 757,337

Avg Cost/kWh \$0.3021

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